

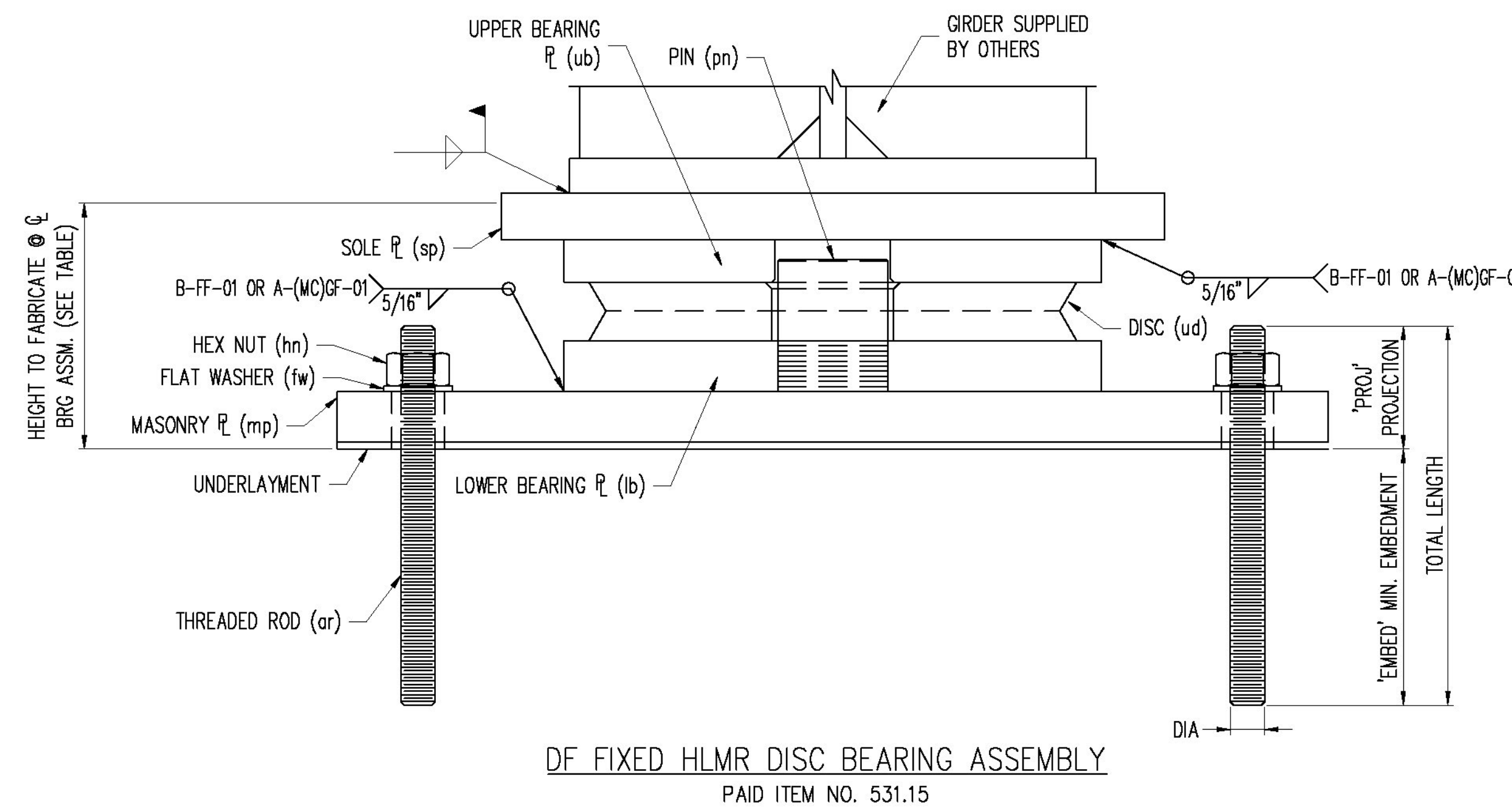
MK	QTY	DESCRIPTION
1A	3	DF-410
1sp1	3	SOLE PLATE
1ub1	3	UPPER BEARING PLATE
1lb1	3	LOWER BEARING PLATE
1ud1	3	URETHANE DISC
1pn1	3	SHEAR PIN
1mp1	3	MASONRY PLATE
1FA	3	UNDERLAYMENT (*SL)
1HA	12	THREADED ROD (*SL)
1HB	12	HEAVY HEX NUT (*SL)
1HC	12	FLAT WASHER (*SL)

HLMR BEARING ASSEMBLY LOCATION & LRFD DESIGN INFORMATION (DF)															
MK	QTY	STRUCTURE	BEARING TYPE	LOCATION	MAX VERT. SERVICE	MAX VERT. STRENGTH	MAX HORIZ. SERVICE	MAX HORIZ. STRENGTH	LONG MMNT	TRANS MMNT	ROTATION (RAD)	HEIGHT TO FABRICATE	HEIGHT IN PLANS	DIFFERENCE IN PLANS	UNDERLAYMENT IN HEIGHT (Y/N)
1A	3	Bridge No. 1	DF-410	Pier 1: 2 thru 4	410.0 kips	600.0 kips	101.0 kips	127.0 kips	0	0	0.02	6.278	6.000	+0.278	YES

ANCHOR ROD SCHEDULE (DF)										
ASSEM MK	FOR BRG	PIECE MK	QTY	DIA	LENGTH	PROJ	EMBED	LOCATION	MATERIAL	COATING
1HA	1A	1ar1	12	1.500	22.000	4.000	18.000	Pier 1: 2 thru 4	F1554 GR. 55	A153-HDG

NUT SCHEDULE (DF)						
ASSEM MK	FOR BRG	PIECE MK	QTY	DIA	MATERIAL	COATING
1HB	1A	1hn1	12	1.500	A563-DH OR A194-2H HEAVY HEX	A153-HDG

WASHER SCHEDULE (DF)						
ASSEM MK	FOR BRG	PIECE MK	QTY	DIA	MATERIAL	COATING
1HC	1A	1fw1	12	1.500	F436	A153-HDG



DF FIXED HLMR DISC BEARING ASSEMBLY
PAID ITEM NO. 531.15

* SL = SHIPPED LOOSE
SEE SHT. 02, 03, 04, & 05 FOR SUB-ASSEMBLY DETAILS.
SEE SHT. G01 FOR GENERAL NOTES & G02 FOR COATING NOTES & LIMITS.
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED

Vermont Agency of Transportation
RECEIVED
CK'D BY CLC OK'D BY CWC
December 1, 2017
RESUBMIT NO Approved
BY C. CARLSON DATE 12/08/17



REV.	DESCRIPTION	DATE	DET.	QTY
Δ	REVISED ANCHOR HARDWARE DIAMETER FROM 1.25" TO 1.5"	12/1/17	DSB	KTG
	LOCATION — VT RTE 15A MAJOR COLLECTOR		ITEM	QUANTITY
	BRIDGE — NO. 1		53146-1114-A	3 OF 3
	PROJECT — BRS 0240(3)S & STP HES 030-2(28)			
	PROJECT NAME — MORRISTOWN			
	P.O. NO. — K1619			
	DESIGNER — T.Y. LIN INTERNATIONAL			
	CUSTOMER — WINTERSET, INC.			
DESCRIPTION: DF FIXED HLMR ASSEMBLY & DESIGN INFORMATION		SCALE: N.T.S.	DRAWN BY: DA	CHECKED BY: KTG
LAMOILLE CO., VT		PROJECT NUMBER: 53146	PRODUCT CODE: 1114	DATE: 11/17
		RELEASE: 1	SHEET: 01	